



CERTIFICATE OF MAILING (37 CFR 1.8 (a)).

I hereby certify that the attached papers or fee is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner For Patents, Washington, D.C. 20231.

December 6, 1996
(Date)

LIZA D. HOHENSCHUTZ
(Printed Name)

Liza D. Hohenschutz #8
(Signature)

ZENECA Inc.
Docket No. 70086

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: WOOD ET AL.

Serial Number: 08\669,656

Filed: JUNE 24, 1996

For: ION CHANNEL

Group Art Unit:

Examiner:

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

RECEIVED
FEB 10 1997
GROUP 1800

COVER LETTER

Transmitted herewith are the following:

- () Response to Office Action.
- () Petition for extension of time (37 CFR 1.136).
- (X) Information Disclosure Statement.
- (X) Information Disclosure Citation by Applicant (Form PTO-1449)
- () Appeal Brief (in triplicate).
- () Issue Fee (Forms PTOL -85B and -85C).
- (X) 18 References

The items checked below are appropriate:

1. (X) It is believed that no fee is due as a result of this transmittal.

2. (X) The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Deposit Account No. 26-0166. This sheet is enclosed in duplicate.

Respectfully submitted,

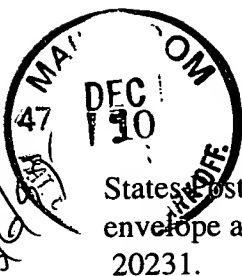
ZENECA Inc.

Dated: *December 6, 1996*

ZENECA Inc.
Docket No. 70086
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By: *Liza D. Hohenschutz*
Liza D. Hohenschutz
Attorney for Applicants
Reg. No. 33,712
Telephone: 302/886-7466

Loc 02306



CERTIFICATE OF MAILING (37 CFR 1.8 (a)).

I hereby certify that the attached papers or fee are being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Box Missing Part, Assistant Commissioner for Patents, Washington, DC 20231.

1816
#7

December 6, 1996
(date)

Liza D. Hohenschutz
(Printed Name)

Liza D. Hohenschutz
(signature)

Zeneca Inc.
Docket No. 70086

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Application of: WOOD ET AL.

Serial Number: 08/669,656

Filed: JUNE 24, 1996

For: ION CHANNEL

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GROUP 1800

Attention: Box Missing Part
Assistant Commissioner for Patents
Washington, DC 20231

Sir:

TRANSMITTAL OF MISSING PARTS OF APPLICATION

1. This is in response to a Notice to File Missing Parts of Application under 37 CFR 1.53(d) dated November 7, 1996.

2. Enclosed are:

- ☒ Form PTO-1553: Copy to be returned with Response.
- ☒ Notice to Comply With Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures
- ☐ Declaration and Power of Attorney.
- ☐ Associate Power of Attorney.
- ☐ Letter and Petition under 37 CFR 1.136(a).

- ☐ A certified copy of
- ☐ Information Disclosure Statement
- ☒ Response to Notice To File Missing Parts
- ☒ Substitute Computer Disk Containing Sequence Listing
- ☒ 55 pages of Substitute Sheets of the Sequence Listing
- ☒ Copy of Sequence Listing Error Report

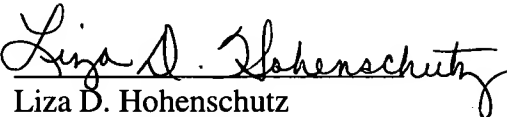
2. The required fee of **\$130.00** should be charged to Deposit Account No. 26-0166. This sheet is enclosed in duplicate.
- 3 The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to Deposit Account No. 26-0166. This sheet is enclosed in duplicate.

Respectfully submitted,

ZENECA Inc.

Dated: *December 6, 1996*

Zeneca Inc.
Docket No. 70086


Liza D. Hohenschutz
Attorney for Applicant(s)
Reg. No. 33,712
Telephone: 302/886-7466

47 DEC 30 1996
MAIL
U.S. PATENT & TRADEMARK OFFICE

CERTIFICATE OF MAILING (37 CFR 1.8 (a)).

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December 6, 1996
(Date)

Liza D. Hohenschutz
(Printed Name)

Liza D. Hohenschutz
(Signature)

ZENECA Inc.
Docket No. 70086

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: WOOD ET AL

Serial No.: 08/669,656

Filed: JUNE 24, 1996

For: ION CHANNEL

Box Missing Part
Assistant Commissioner for Patents
Washington, DC 20231

Sir:

RESPONSE TO NOTICE TO FILE MISSING PARTS

This is in response to the Notice to File Missing Parts mailed November 7, 1996, the time for a response to which is set to expire on December 7, 1996.

The Notice to File Missing Parts indicated that the application does not comply with the Sequence Rules 37 CFR 1.821-1.825. The attached notice to comply indicated that the application clearly fails to comply with the Sequence Rules. Applicants, however, submitted the Sequence Listing, computer disk containing the Sequence Listing and Statement that the paper and computer readable forms are the same on June 24, 1996.

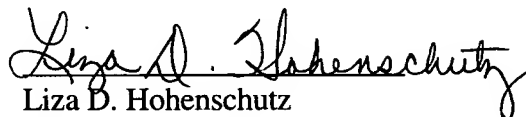
On November 21, 1996, Applicants' attorney Liza Hohenschutz spoke with Ms. Arti Shah who advised her that the error report for the Sequence Listing had not been sent with the Notice

to File Missing Parts. Ms Shah sent a copy of the error report to Ms. Hohenschutz by facsimile on the same day. A copy of the error report is attached.

Applicants' response to the Notice to File Missing Parts corrects the errors in the Sequence Listing shown in the error report.

Respectfully submitted,

ZENECA INC.



Liza D. Hohenschutz

Attorney for Applicant(s)

Reg. No. 33,712

Telephone: 302/886-7466

Dated: December 6, 1996